Case Narrative:

Atlantic City School District (10 Schools) #11060067, #11060068, 11060069, #11060070, #11060071, #11060072, #11060073, #11060074, #11060075, #11060076

The National Environmental Laboratory Accreditation Conference (NELAC) is a voluntary environmental laboratory accreditation association of State and Federal agencies. NELAC established and promoted a national accreditation program that provides a uniform set of standards for the generation of environmental data that are of known and defensible quality. The EPA Region 2 Laboratory is NELAC accredited. The Laboratory tests that are accredited have met all the requirements established under the NELAC Standards.

Comment(s):

As detailed in the QA project Plan, the Laboratory will analyze the first draw sample and, if that sample is 15 ug/L or above, the second draw sample will be analyzed. The Action Level for the program is 20 ug/L but a margin of analytical error was incorporated by using the 15 ug/L level.

Project# 11060070, Laboratory Samples AN02864 and AN02865: The first draw sample (AN02864) was 20 ug/L; the second draw sample (AN02865) was 48 ug/L - well above the result of the first draw sample. This is unusual. Both samples were re-analyzed to ensure an error was not made in the analysis step. The second round analysis confirmed the results of the first round.

Project# 11060074, Laboratory Samples AN02998 and AN02999: The first draw sample (AN02998) was 27 ug/L; the second draw sample (AN02999) was 31 ug/L - slightly above the result of the first draw sample. This is unusual. Both samples were re-analyzed to ensure an error was not made in the analysis step. The second round analysis confirmed the results of the first round.

Reporting Limit(s):

The Laboratory was able to achieve the appropriate limits for each analyte requested. The Reporting Limit using EPA Method 200.8 for Lead was 1.0 ug/L

Method(s):

Lead Analysis, EPA Method 200.8 (SOP DW-8; ICP/MS Method)

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Approval: 125/11

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U.S. Environmental Protection Agency Region 2 Laboratory 2890 Woodbridge Avenue Edison, NJ 08837

Data Report: ACSD - NEW JERSEY AVE. SCHOOL

Project Number: 11060068

Program: C215

Project Leader: ERWIN SMIESZEK

Remark Codes	Explanation
U	THE ANALYTE WAS NOT DETECTED AT OR ABOVE THE REPORTING LIMIT.
J	THE IDENTIFICATION OF THE ANALYTE IS ACCEPTABLE; THE REPORTED VALUE IS AN ESTIMATE.
UJ	THE ANALYTE WAS NOT DETECTED AT OR ABOVE THE REPORTING LIMIT. THE REPORTING LIMIT IS AN ESTIMATE.
N	THERE IS PRESUMPTIVE EVIDENCE THAT THE ANALYTE IS PRESENT: THE ANALYTE IS REPORTED AS A TENTATIVE IDENTIFICATION.
NJ	THERE IS PRESUMPTIVE EVIDENCE THAT THE ANALYTE IS PRESENT; THE ANALYTE IS REPORTED AS A TENTATIVE IDENTIFICATION. THE REPORTED VALUE IS AN ESTIMATE.
R	THE PRESENCE OR ABSENCE OF THE ANALYTE CANNOT BE DETERMINED FROM THE DATA DUE TO SEVERE QUALITY CONTROL PROBLEMS. THE DATA ARE REJECTED AND CONSIDERED UNUSABLE
К	THE IDENTIFICATION OF THE ANALYTE IS ACCEPTABLE; THE REPORTED VALUE MAY BE BIASED HIGH. THE ACTUAL VALUE IS EXPECTED TO BE LESS THAN THE REPORTED VALUE.
Ĺ	THE IDENTIFICATION OF THE ANALYTE IS ACCEPTABLE, THE REPORTED VALUE MAY BE BIASED LOW. THE ACTUAL VALUE IS EXPECTED TO BE GREATER THAN THE REPORTED VALUE.
NV	NOT VALIDATED
INC	RESULT NOT ENTERED

Report Date: 7/21/2011 12:25PM Page 1 of 5

Project Number: 11060068

*Sorted By Sample ID

AN02801

Field/Station ID: 00-NJA-FR BLANK

Matrix: Aqueous(chlor.)

Date Received: 6/29/2011

Sample Description:

Single Component Analyses

CAS Number 7439-92-1 LEAD

Analyte Name

Result

Remark Codes 1.0U

Units ug/L

AN02802

Field/Station ID: 0101CRINCR0201F

Matrix: Aqueous(chlor.)

Sample Description:

Date Received: 6/29/2011

Single Component Analyses

CAS Number Analyte Name 7439-92-1

LEAD

Remark

Codes

Units ug/L

AN02803

Field/Station ID: 0201CRINCR0202F

Matrix: Aqueous(chlor.)

Date Received: 6/29/2011

Sample Description:

Single Component Analyses

CAS Number

Analyte Name

7439-92-1

LEAD

Result 9.0

Result

24

Remark

Codes

Units ug/L

AN02804

Field/Station ID: 0301HABYCR0101B

Matrix: Aqueous(chlor.)

Date Received: 6/29/2011

Sample Description:

Single Component Analyses

CAS Number Analyte Name

Result

Remark Codes

Units ug/L

7439-92-1

LEAD

1.0U

Refer to Page 1 for an explanation of Remark Codes

Report Date: 7/21/2011 12:25PM

Page 2 of 5

Project Number: 11060068

*Sorted By Sample ID

AN02806

Field/Station ID: 0501CFINCAF101B

Matrix: Aqueous(chlor.)

Sample Description:

Single Component Analyses

CAS Number 7439-92-1

Analyte Name

LEAD

Date Received: 6/29/2011

Result

Remark Codes 1.0U

Units ug/L

AN02808

Field/Station ID: 0701MOINNURS01F

Matrix: Aqueous(chlor.)

Sample Description:

Single Component Analyses

CAS Number

Analyte Name

7439-92-1

LEAD

Date Received: 6/29/2011

Result 4.3

Remark_ Codes

Units ug/L

AN02810

Field/Station ID: 0901HABYMAIN01B

Matrix: Aqueous(chlor.)

Sample Description:

Single Component Analyses

Analyte Name

7439-92-1

LEAD

Date Received: 6/29/2011

CAS Number

Result

Remark. Codes

1.0U

Units ug/L

AN02812

Field/Station ID: 1101HABYGYM101B

Matrix: Aqueous(chlor.)

Sample Description:

Single Component Analyses

CAS Number 7439-92-1

Analyte Name **LEAD**

Date Received: 6/29/2011

Result

Remark Codes

Units

1.0U

ug/L

efer to Page 1 for an explanation of Remark Codes eport Date: 7/21/2011 12:25PM

Page 3 of 5

Project Number: 11060068

*Sorted By Sample ID

AN02814

Field/Station ID: 1301CFINCAF201F

Matrix: Aqueous(chlor.)

Sample Description:

Single Component Analyses

CAS Number Analyte Name 7439-92-1

LEAD

Date Received: 6/29/2011

Remark

Codes Result

Units ug/L

AN02815

Field/Station ID: 1401CFINCAF202F

Matrix: Aqueous(chlor.)

Sample Description:

Date Received: 6/29/2011

Single Component Analyses

CAS Number Analyte Name

7439-92-1

LEAD

Result 4.2

25

Remark Codes

Units ug/L

AN02816

Field/Station ID: 1501CFINCAF301F

Matrix: Aqueous(chlor.)

Sample Description:

Date Received: 6/29/2011

Single Component Analyses

CAS Number

Analyte Name

7439-92-1

LEAD

Result 3.1

Remark

Codes

Units ug/L

AN02818

Field/Station ID: 1702HABYCR0901B

Matrix: Aqueous(chlor.)

Sample Description:

Date Received: 6/29/2011

Single Component Analyses

CAS Number

7439-92-1

Analyte Name

LEAD

Result

Remark_ Codes 1.0U

Units ug/L

Refer to Page 1 for an explanation of Remark Codes

Report Date: 7/21/2011 12:25PM

Page 4 of 5

Project Number: 11060068

*Sorted By Sample ID

AN02820

Field/Station ID: 1902TCINTEAC01B

Date Received: 6/29/2011

Matrix: Aqueous(chlor.)

Sample Description:

Single Component Analyses

CAS Number Analyte Name

Result

<u>Units</u>

ug/L

7439-92-1

LEAD

<u>Codes</u> 1.0U

Remark_

roject Approval:

efer to Page 1 for an explanation of Remark Codes

eport Date: 7/21/2011 12:25PM

Date: 7/25/1/

Page 5 of 5

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Case Narrative:

Atlantic City School District (10 Schools) #11060067, #11060068, 11060069, #11060070, #11060071, #11060072, #11060073, #11060074, #11060075, #11060076

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Comment(s):

As detailed in the QA project Plan, the Laboratory will analyze the first draw sample and, if that sample is 15 ug/L or above, the second draw sample will be analyzed. The Action Level for the program is 20 ug/L but a margin of analytical error was incorporated by using the 15 ug/L level.

Project# 11060070, Laboratory Samples AN02864 and AN02865: The first draw sample (AN02864) was 20 ug/L; the second draw sample (AN02865) was 48 ug/L - well above the result of the first draw sample. This is unusual. Both samples were re-analyzed to ensure an error was not made in the analysis step. The second round analysis confirmed the results of the first round.

Project# 11060074, Laboratory Samples AN02998 and AN02999: The first draw sample (AN02998) was 27 ug/L; the second draw sample (AN02999) was 31 ug/L - slightly above the result of the first draw sample. This is unusual. Both samples were re-analyzed to ensure an error was not made in the analysis step. The second round analysis confirmed the results of the first round.

Reporting Limit(s):

The Laboratory was able to achieve the appropriate limits for each analyte requested. The Reporting Limit using EPA Method 200.8 for Lead was 1.0 ug/L

Method(s):

Lead Analysis, EPA Method 200.8 (SOP DW-8; ICP/MS Method)

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U.S. Environmental Protection Agency Region 2 Laboratory 2890 Woodbridge Avenue Edison, NJ 08837

Data Report: ACSD - VENICE PARK SCHOOL

Project Number: 11060067

Program: C215

Project Leader: ERWIN EMIESZEK

Remark Codes	Explanation
U	THE ANALYTE WAS NOT DETECTED AT OR ABOVE THE REPORTING LIMIT.
J	THE IDENTIFICATION OF THE ANALYTE IS ACCEPTABLE; THE REPORTED VALUE IS AN ESTIMATE.
UJ	THE ANALYTE WAS NOT DETECTED AT OR ABOVE THE REPORTING LIMIT. THE REPORTING LIMIT IS AN ESTIMATE.
N	THERE IS PRESUMPTIVE EVIDENCE THAT THE ANALYTE IS PRESENT; THE ANALYTE IS REPORTED AS A TENTATIVE IDENTIFICATION.
NJ	THERE IS PRESUMPTIVE EVIDENCE THAT THE ANALYTE IS PRESENT; THE ANALYTE IS REPORTED AS A TENTATIVE IDENTIFICATION. THE REPORTED VALUE IS AN ESTIMATE.
R	THE PRESENCE OR ABSENCE OF THE ANALYTE CANNOT BE DETERMINED FROM THE DATA DUE TO SEVERE QUALITY CONTROL PROBLEMS. THE DATA ARE REJECTED AND CONSIDERED UNUSABLE.
К	THE IDENTIFICATION OF THE ANALYTE IS ACCEPTABLE; THE REPORTED VALUE MAY BE BIASED HIGH. THE ACTUAL VALUE IS EXPECTED TO BE LESS THAN THE REPORTED VALUE.
L	THE IDENTIFICATION OF THE ANALYTE IS ACCEPTABLE; THE REPORTED VALUE MAY BE BIASED LOW. THE ACTUAL VALUE IS EXPECTED TO BE GREATER THAN THE REPORTED VALUE.
NV	NOT VALIDATED
INC	RESULT NOT ENTERED

Report Date: 7/21/2011 12:17PM

Survey Name: ACSD - VENICE PARK SCHOOL

Project Number: 11060067

*Sorted By Sample ID

AN02788

Field/Station ID: 00-VPS-FR BLANK

Matrix: Aqueous(chlor.)

Sample Description:

Date Received: 6/29/2011

Single Component Analyses

CAS Number

Analyte Name

7439-92-1

LEAD

Result 1.1

Remark_ Codes

Units ug/L

AN02789

Field/Station ID: 0101HABYCR0201B

Matrix: Aqueous(chlor.)

Sample Description:

Date Received: 6/29/2011

Single Component Analyses

CAS Number

Analyte Name

7439-92-1

LEAD

Result

Remark Codes

1.0U

<u>Units</u> ug/L

AN02791

Field/Station ID: 0301CRINCR0301B

Matrix: Aqueous(chlor.)

Sample Description:

Date Received: 6/29/2011

Single Component Analyses

CAS Number

Analyte Name

7439-92-1

LEAD

Result 1.3

Remark_ Codes

Units

ug/L

AN02793

Field/Station ID: 0501CRINCR0201F

Matrix: Aqueous(chlor.)

Sample Description:

Date Received: 6/29/2011

Single Component Analyses

CAS Number

Analyte Name

7439-92-1

LEAD

Result 2.5

Remark Codes

Units ug/L

Refer to Page 1 for an explanation of Remark Codes

Report Date: 7/21/2011 12:17PM

Page 2 of 3

Survey Name: ACSD - VENICE PARK SCHOOL

Project Number: 11060067

*Sorted By Sample ID

AN02795

Field/Station ID: 0701MOINBATH01F

Matrix: Aqueous(chlor.)

Sample Description:

Single Component Analyses

CAS Number Analyte Name

7439-92-1 **LEAD** Date Received: 6/29/2011

Remark_

Codes

Units ug/L

AN02797

Field/Station ID: 0901CRINCR0101B

Matrix: Aqueous(chlor.)

Sample Description:

Date Received: 6/29/2011

Single Component Analyses

CAS Number Analyte Name

7439-92-1

LEAD

Result

Result

3.3

Remark Codes 1.0U

Units ug/L

AN02799

Field/Station ID: 1101KHNKITC01F

Matrix: Aqueous(chlor.)

Sample Description:

Single Component Analyses

CAS Number

Analyte Name

7439-92-1

LEAD

Date Received: 6/29/2011

Result 2.6

Remark_ Codes

<u>Units</u>

ug/L

Refer to Page 1 for an explanation of Remark Codes

Report Date: 7/21/2011 12:17PM

Date: 7/25///

Page 3 of 3

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Case Narrative:

Atlantic City School District (10 Schools) #11060067, #11060068, 11060069, #11060070, #11060071, #11060072, #11060073, #11060074, #11060075, #11060076

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Comment(s):

As detailed in the QA project Plan, the Laboratory will analyze the first draw sample and, if that sample is 15 ug/L or above, the second draw sample will be analyzed. The Action Level for the program is 20 ug/L but a margin of analytical error was incorporated by using the 15 ug/L level.

Project# 11060070, Laboratory Samples AN02864 and AN02865: The first draw sample (AN02864) was 20 ug/L; the second draw sample (AN02865) was 48 ug/L - well above the result of the first draw sample. This is unusual. Both samples were re-analyzed to ensure an error was not made in the analysis step. The second round analysis confirmed the results of the first round.

Project# 11060074, Laboratory Samples AN02998 and AN02999: The first draw sample (AN02998) was 27 ug/L; the second draw sample (AN02999) was 31 ug/L - slightly above the result of the first draw sample. This is unusual. Both samples were re-analyzed to ensure an error was not made in the analysis step. The second round analysis confirmed the results of the first round.

Reporting Limit(s):

The Laboratory was able to achieve the appropriate limits for each analyte requested. The Reporting Limit using EPA Method 200.8 for Lead was 1.0 ug/L

Method(s):

Lead Analysis, EPA Method 200.8 (SOP DW-8; ICP/MS Method)

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U.S. Environmental Protection Agency Region 2 Laboratory 2890 Woodbridge Avenue Edison, NJ 08837

Data Report: ACSD-ATLANTIC HS(DAY CARE)

Project Number: 11060069

Program: C215

Project Leader: ERWIN SMIESZEK

Remark Codes	Explanation
υ	THE ANALYTE WAS NOT DETECTED AT OR ABOVE THE REPORTING LIMIT.
J	THE IDENTIFICATION OF THE ANALYTE IS ACCEPTABLE; THE REPORTED VALUE IS AN ESTIMATE.
UJ	THE ANALYTE WAS NOT DETECTED AT OR ABOVE THE REPORTING LIMIT. THE REPORTING LIMIT IS AN ESTIMATE.
N	THERE IS PRESUMPTIVE EVIDENCE THAT THE ANALYTE IS PRESENT; THE ANALYTE IS REPORTED AS A TENTATIVE IDENTIFICATION.
NJ	THERE IS PRESUMPTIVE EVIDENCE THAT THE ANALYTE IS PRESENT; THE ANALYTE IS REPORTED AS A TENTATIVE IDENTIFICATION. THE REPORTED VALUE IS AN ESTIMATE.
R	THE PRESENCE OR ABSENCE OF THE ANALYTE CANNOT BE DETERMINED FROM THE DATA DUE TO SEVERE QUALITY CONTROL PROBLEMS. THE DATA ARE REJECTED AND CONSIDERED UNUSABLE
K	THE IDENTIFICATION OF THE ANALYTE IS ACCEPTABLE; THE REPORTED VALUE MAY BE BIASED HIGH. THE ACTUAL VALUE IS EXPECTED TO BE LESS THAN THE REPORTED VALUE.
L	THE IDENTIFICATION OF THE ANALYTE IS ACCEPTABLE: THE REPORTED VALUE MAY BE BIASED LOW. THE ACTUAL VALUE IS EXPECTED TO BE GREATER THAN THE REPORTED VALUE.
NV	NOT VALIDATED
INC	RESULT NOT ENTERED

Report Date: 7/21/2011 12:38PM Page 1 of 2

Survey Name: ACSD-ATLANTIC HS(DAY CARE)

Project Number: 11060069

*Sorted By Sample ID

AN02822

Field/Station ID: 00-ACS-FR BLANK

Matrix: Aqueous(chlor.)

Date Received: 6/29/2011

Sample Description:

Single Component Analyses

CAS Number Analyte Name

Result

Remark

Codes

Units

7439-92-1

LEAD

1.0U

ug/L

AN02823

Field/Station ID: 0101RMINDAY101C

Date Received: 6/29/2011

Matrix: Aqueous(chlor.)

Sample Description:

Single Component Analyses

CAS Number Analyte Name

Remark_

Codes 1.0U

Units ug/L

7439-92-1

LEAD

AN02825

Field/Station ID: 0301RMINDAY201F

Matrix: Aqueous(chlor.)

Sample Description:

Date Received: 6/29/2011

Single Component Analyses

CAS Number

7439-92-1

Analyte Name

Result

<u>Result</u>

Remark_

Codes 1.0U

Units

LEAD

ug/L

Refer to Page 1 for an explanation of Remark Codes

Report Date: 7/21/2011 12:38PM

Date: 7/25/11

Page 2 of 2

Case Narrative:

Atlantic City School District (10 Schools) #11060067, #11060068, 11060069, #11060070, #11060071, #11060072, #11060073, #11060074, #11060075, #11060076

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Comment(s):

As detailed in the QA project Plan, the Laboratory will analyze the first draw sample and, if that sample is 15 ug/L or above, the second draw sample will be analyzed. The Action Level for the program is 20 ug/L but a margin of analytical error was incorporated by using the 15 ug/L level.

Project# 11060070, Laboratory Samples AN02864 and AN02865: The first draw sample (AN02864) was 20 ug/L; the second draw sample (AN02865) was 48 ug/L - well above the result of the first draw sample. This is unusual. Both samples were re-analyzed to ensure an error was not made in the analysis step. The second round analysis confirmed the results of the first round.

Project# 11060074, Laboratory Samples AN02998 and AN02999: The first draw sample (AN02998) was 27 ug/L; the second draw sample (AN02999) was 31 ug/L - slightly above the result of the first draw sample. This is unusual. Both samples were re-analyzed to ensure an error was not made in the analysis step. The second round analysis confirmed the results of the first round.

Reporting Limit(s):

The Laboratory was able to achieve the appropriate limits for each analyte requested. The Reporting Limit using EPA Method 200.8 for Lead was 1.0 ug/L

Method(s):

Lead Analysis, EPA Method 200.8 (SOP DW-8; ICP/MS Method)

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Approval: _______ Date: 7/25-/11

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U.S. Environmental Protection Agency Region 2 Laboratory 2890 Woodbridge Avenue Edison, NJ 08837

Data Report: ACSD-UPTOWN COMPLEX SCHOOL

Project Number: 11060070

Program: C215

Project Leader: ERWIN SMIESZEK

Remark Codes	Explanation
U	THE ANALYTE WAS NOT DETECTED AT OR ABOVE THE REPORTING LIMIT.
J	THE IDENTIFICATION OF THE ANALYTE IS ACCEPTABLE; THE REPORTED VALUE IS AN ESTIMATE.
UJ	THE ANALYTE WAS NOT DETECTED AT OR ABOVE THE REPORTING LIMIT. THE REPORTING LIMIT IS AN ESTIMATE.
Ν	THERE IS PRESUMPTIVE EVIDENCE THAT THE ANALYTE IS PRESENT; THE ANALYTE IS REPORTED AS A TENTATIVE IDENTIFICATION.
NJ	THERE IS PRESUMPTIVE EVIDENCE THAT THE ANALYTE IS PRESENT; THE ANALYTE IS REPORTED AS A TENTATIVE IDENTIFICATION. THE REPORTED VALUE IS AN ESTIMATE.
R	THE PRESENCE OR ABSENCE OF THE ANALYTE CANNOT BE DETERMINED FROM THE DATA DUE TO SEVERE QUALITY CONTROL PROBLEMS. THE DATA ARE REJECTED AND CONSIDERED UNUSABLE.
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L	THE IDENTIFICATION OF THE ANALYTE IS ACCEPTABLE; THE REPORTED VALUE MAY BE BIASED LOW. THE ACTUAL VALUE IS EXPECTED TO BE GREATER THAN THE REPORTED VALUE.
NV	NOT VALIDATED
INC	RESULT NOT ENTERED

Report Date: 7/21/2011 12:56PM

Project Number: 11060070

*Sorted By Sample ID

AN02827

Field/Station ID: 00-USC-FR BLANK

Matrix: Aqueous(chlor.)

Date Received: 6/29/2011

Sample Description:

Single Component Analyses

CAS Number Analyte Name

7439-92-1

LEAD

Remark_

Result

Codes 1.0U

Units ug/L

AN02828

Field/Station ID: 0101NMINPOOL01B

Matrix: Aqueous(chlor.)

Sample Description:

Date Received: 6/29/2011

Single Component Analyses

CAS Number 7439-92-1

Analyte Name

LEAD

Remark

Result

Codes 1.0U

Units ug/L

AN02830

Field/Station ID: 0301GYINGYM101B

Matrix: Aqueous(chlor.)

Sample Description:

Date Received: 6/29/2011

Single Component Analyses

CAS Number

Analyte Name

7439-92-1

LEAD

Remark_

Result

Codes 1.0U

<u>Units</u> ug/L

AN02832

Field/Station ID: 0501GBINLOCK01B

Matrix: Aqueous(chlor.)

Sample Description:

Date Received: 6/29/2011

Single Component Analyses

CAS Number

7439-92-1

Analyte Name **LEAD**

Result 29

Remark Codes

Units ug/L

Refer to Page 1 for an explanation of Remark Codes

Report Date: 7/21/2011 12:56PM

Project Number: 11060070

*Sorted By Sample ID

AN02833

Field/Station ID: 0601GBINLOCK02B

Matrix: Aqueous(chlor.)

Sample Description:

Single Component Analyses

CAS Number 7439-92-1

Analyte Name

LEAD

Date Received: 6/29/2011

Remark_

Result 21

Result

Codes

Remark Codes

1.0U

<u>Units</u> ug/L

<u>Units</u>

ug/L

AN02834

Field/Station ID: 0701BBINLOCK01B

Matrix: Aqueous(chlor.)

Sample Description:

Single Component Analyses

CAS Number

7439-92-1

LEAD

Date Received: 6/29/2011

Analyte Name

Date Received: 6/29/2011

AÑ02836

Field/Station ID: 0901HABYNURS01B

Matrix: Aqueous(chlor.)

Sample Description:

Single Component Analyses

CAS Number

Analyte Name

7439-92-1

LEAD

Result

Remark Codes

1.0U

Units ug/L

AN02838

Field/Station ID: 1101MOINEXAM01F

Date Received: 6/29/2011

Matrix: Aqueous(chlor.)

Sample Description:

Single Component Analyses

CAS Number Analyte Name

7439-92-1 **LEAD**

Remark_ Result

2.5

Codes

Units ug/L

Refer to Page 1 for an explanation of Remark Codes

Report Date: 7/21/2011 12:56PM

Page 3 of 8

Project Number: 11060070

*Sorted By Sample ID

AN02840

Field/Station ID: 1301CRIN100401F

Matrix: Aqueous(chlor.)

Sample Description:

Single Component Analyses

CAS Number 7439-92-1

Analyte Name

LEAD

Date Received: 6/29/2011

Remark_

Codes Result 1.0U

Units ug/L

AN02842

Field/Station ID: 1501CRIN100701F

Matrix: Aqueous(chlor.)

Sample Description:

Single Component Analyses

CAS Number

Analyte Name

7439-92-1

LEAD

Date Received: 6/29/2011

Result 3.1

Remark_ Codes

Units ug/L

AN02844:

Field/Station ID: 1701CRIN100801F

Matrix: Aqueous(chlor.)

Sample Description:

Date Received: 6/29/2011

Single Component Analyses

CAS Number

Analyte Name

7439-92-1

LEAD

Result

Remark_ Codes

1.0U

Units ug/L

AN02846

Field/Station ID: 1901CRIN101001F

Matrix: Aqueous(chlor.)

Sample Description:

Date Received: 6/29/2011

Single Component Analyses

CAS Number

Analyte Name

7439-92-1

LEAD

Result

Codes 1.0U

Remark_

<u>Units</u> ug/L

Refer to Page 1 for an explanation of Remark Codes

Report Date: 7/21/2011 12:56PM

Page 4 of 8

Date Received: 6/29/2011

Project Number: 11060070

*Sorted By Sample ID

AN02848

Field/Station ID: 2101CRIN101201F

Matrix: Aqueous(chlor.)

Sample Description:

Single Component Analyses

CAS Number 7439-92-1

Analyte Name

LEAD

Result

Remark_ Codes |

1.0U

Units ug/L

AN02850

Field/Station ID: 2301CRIN101401F

Matrix: Aqueous(chlor.)

Sample Description:

Single Component Analyses

CAS Number

Analyte Name

7439-92-1

LEAD

Date Received: 6/29/2011

Result

Remark Codes 1.0U

Units ug/L

AN02852

Field/Station ID: 2501HABY100101B

Matrix: Aqueous(chlor.)

Sample Description:

Single Component Analyses

7439-92-1

LEAD

Date Received: 6/29/2011

CAS Number Analyte Name

Result

Remark_ Codes 1.0U

<u>Units</u> ug/L

AN02854

Field/Station ID: 2701KIINKIT001F

Matrix: Aqueous(chlor.)

Sample Description:

Single Component Analyses

CAS Number

Analyte Name

7439-92-1

LEAD

Date Received: 6/29/2011

Result

6.1

Remark_ <u>Codes</u>

Units

ug/L

Refer to Page 1 for an explanation of Remark Codes

Report Date: 7/21/2011 12:56PM Page 5 of 8

Project Number: 11060070

*Sorted By Sample ID

AN02856

Field/Station ID: 2901KIINKIT101F

Matrix: Aqueous(chlor.)

Sample Description:

Single Component Analyses

CAS Number 7439-92-1

Analyte Name LEAD

Date Received: 6/29/2011

Remark Result

Codes 1.0U

Units ug/L

AN02858

Field/Station ID: 3101KIINKIT201F

Matrix: Aqueous(chlor.)

Sample Description:

Date Received: 6/29/2011

Single Component Analyses

CAS Number

Analyte Name

7439-92-1

LEAD

Result

2.3

Remark

Codes

<u>Units</u> ug/L

AN02860

Field/Station ID: 330111ABY102101B

Matrix: Aqueous(chlor.)

Sample Description:

Date Received: 6/29/2011

Single Component Analyses

CAS Number Analyte Name

7439-92-1

LEAD

Result

Result

Remark

Codes

Remark_

Codes

1.0U

1.0U

Units ug/L

<u>Units</u>

ug/L

AN02862

Field/Station ID: 3502HABY205201B

Matrix: Aqueous(chlor.)

Sample Description:

Date Received: 6/29/2011

Single Component Analyses

Refer to Page 1 for an explanation of Remark Codes

CAS Number

Analyte Name

7439-92-1

LEAD

Report Date: 7/21/2011 12:56PM

Page 6 of 8

Project Number: 11060070

*Sorted By Sample ID

AN02864

Field/Station ID: 3702HABY204801B

Matrix: Aqueous(chlor.)

Sample Description:

Date Received: 6/29/2011

Date Received: 6/29/2011

Single Component Analyses

CAS Number

Analyte Name

7439-92-1

LEAD

Result

20

Remark

Codes

Units

ug/L

AN02865

Field/Station ID: 3802HABY204802B

Matrix: Aqueous(chlor.)

Sample Description:

Single Component Analyses

CAS Number

Analyte Name

7439-92-1

.. LEAD

Result

48

Remark_

Codes

Units ug/L

AN02866

Field/Station ID: 3902HABYBOYS01B

Matrix: Aqueous(chlor.)

Sample Description:

Date Received: 6/29/2011

Single Component Analyses

CAS Number

Analyte Name

7439-92-1

LEAD

Result

Remark_

Codes 1.0U

Units ug/L

AN02868

Field/Station ID: 4102HABY200101B

Matrix: Aqueous(chlor.)

Sample Description:

Date Received: 6/29/2011

Single Component Analyses

CAS Number 7439-92-1

Analyte Name

LEAD

Result

Remark_ Codes

1.0U

<u>Units</u> ug/L

Refer to Page 1 for an explanation of Remark Codes

Report Date: 7/21/2011 12:56PM

Page 7 of 8

Project Number: 11060070

*Sorted By Sample ID

AN02870

Field/Station ID: 4302HABY201301B

Date Received: 6/29/2011

Matrix: Aqueous(chlor.)

Sample Description:

Single Component Analyses

Remark_ Result

Codes

1.0U

<u>Units</u> ug/L

CAS Number Analyte Name 7439-92-1

LEAD

Refer to Page 1 for an explanation of Remark Codes

Report Date: 7/21/2011 12:56PM

Date: 7/25/11

Page 8 of 8

Case Narrative:

Atlantic City School District (10 Schools) #11060067, #11060068, 11060069, #11060070, #11060071, #11060072, #11060073, #11060074, #11060075, #11060076

The National Environmental Laboratory Accreditation Conference (NELAC) is a voluntary environmental laboratory accreditation association of State and Federal agencies. NELAC established and promoted a national accreditation program that provides a uniform set of standards for the generation of environmental data that are of known and defensible quality. The EPA Region 2 Laboratory is NELAC accredited. The Laboratory tests that are accredited have met all the requirements established under the NELAC Standards.

Comment(s):

As detailed in the QA project Plan, the Laboratory will analyze the first draw sample and, if that sample is 15 ug/L or above, the second draw sample will be analyzed. The Action Level for the program is 20 ug/L but a margin of analytical error was incorporated by using the 15 ug/L level.

Project# 11060070, Laboratory Samples AN02864 and AN02865: The first draw sample (AN02864) was 20 ug/L; the second draw sample (AN02865) was 48 ug/L - well above the result of the first draw sample. This is unusual. Both samples were re-analyzed to ensure an error was not made in the analysis step. The second round analysis confirmed the results of the first round.

Project# 11060074, Laboratory Samples AN02998 and AN02999: The first draw sample (AN02998) was 27 ug/L; the second draw sample (AN02999) was 31 ug/L - slightly above the result of the first draw sample. This is unusual. Both samples were re-analyzed to ensure an error was not made in the analysis step. The second round analysis confirmed the results of the first round.

Reporting Limit(s):

The Laboratory was able to achieve the appropriate limits for each analyte requested. The Reporting Limit using EPA Method 200.8 for Lead was 1.0 ug/L

Method(s):

Lead Analysis, EPA Method 200.8 (SOP DW-8; ICP/MS Method)

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MONITORING & ASSESSMENT BRANCH



U.S. Environmental Protection Agency Region 2 Laboratory 2890 Woodbridge Avenue Edison, NJ 08837

Data Report: ACSD- MLK SCHOOL

Project Number: 11060071

Program: C215

Project Leader: ERWIN SMIESZEK

Remark Codes	Explanation
U	THE ANALYTE WAS NOT DETECTED AT OR ABOVE THE REPORTING LIMIT.
J	THE IDENTIFICATION OF THE ANALYTE IS ACCEPTABLE; THE REPORTED VALUE IS AN ESTIMATE.
UJ	THE ANALYTE WAS NOT DETECTED AT OR ABOVE THE REPORTING LIMIT. THE REPORTING LIMIT IS AN ESTIMATE.
N	THERE IS PRESUMPTIVE EVIDENCE THAT THE ANALYTE IS PRESENT; THE ANALYTE IS REPORTED AS A TENTATIVE IDENTIFICATION.
NJ	THERE IS PRESUMPTIVE EVIDENCE THAT THE ANALYTE IS PRESENT; THE ANALYTE IS REPORTED AS A TENTATIVE IDENTIFICATION. THE REPORTED VALUE IS AN ESTIMATE.
R	THE PRESENCE OR ABSENCE OF THE ANALYTE CANNOT BE DETERMINED FROM THE DATA DUE TO SEVERE QUALITY CONTROL PROBLEMS. THE DATA ARE REJECTED AND CONSIDERED UNUSABLE.
К	THE IDENTIFICATION OF THE ANALYTE IS ACCEPTABLE; THE REPORTED VALUE MAY BE BIASED HIGH. THE ACTUAL VALUE IS EXPECTED TO BE LESS THAN THE REPORTED VALUE.
I.	THE IDENTIFICATION OF THE ANALYTE IS ACCEPTABLE; THE REPORTED VALUE MAY BE BIASED LOW. THE ACTUAL VALUE IS EXPECTED TO BE GREATER THAN THE REPORTED VALUE.
NV	NOT VALIDATED
INC	RESULT NOT ENTERED

Report Date: 7/21/2011 3:21PM

Project Number: 11060071

*Sorted By Sample ID

AN02872

Field/Station ID: 00-MLK-FR BLANK

Matrix: Aqueous(chlor.)

Date Received: 6/29/2011

Sample Description:

Single Component Analyses

CAS Number Analyte Name

7439-92-1

LEAD

Remark

Result

Codes

1.0U

Units ug/L

AN02873

Field/Station ID: 0101HABYLOBY01C

Matrix: Aqueous(chlor.)

Sample Description:

Date Received: 6/29/2011

Single Component Analyses

CAS Number 7439-92-1

Analyte Name

LEAD

Result

Remark Codes 1.0U

Units ug/L

AN02875

Field/Station ID: 0301CFINCAFE01C

Matrix: Aqueous(chlor.)

Sample Description:

Date Received: 6/29/2011

Single Component Analyses

CAS Number

Analyte Name

7439-92-1

LEAD

Result

Remark

Codes

1.0U

Units ug/L

AN02877

Field/Station ID: 0501KIINKIT101F

Matrix: Aqueous(chlor.)

Sample Description:

Date Received: 6/29/2011

Single Component Analyses

CAS Number 7439-92-1

Analyte Name

LEAD

Result

6.0

Remark_ Codes

Units ug/L

Refer to Page 1 for an explanation of Remark Codes

Report Date: 7/21/2011 3:21PM

Page 2 of 7

Project Number: 11060071

*Sorted By Sample ID

AN02879

Field/Station ID: 0701KIINKIT201F

Matrix: Aqueous(chlor.)

Date Received: 6/29/2011

Sample Description:

Single Component Analyses

CAS Number Analyte Name

7439-92-1

LEAD

Result

Remark Codes

<u>Units</u>

4.3

ug/L

AN02881

Field/Station ID: 0901KIINKIT301F

Matrix: Aqueous(chlor.)

Sample Description:

Date Received: 6/29/2011

Single Component Analyses

CAS Number 7439-92-1

Analyte Name

LEAD

Result

2.0

Remark_ Codes

Units

ug/L

AN02883

Field/Station ID: 1101KIINKIT401F

Matrix: Aqueous(chlor.)

Sample Description:

Date Received: 6/29/2011

Single Component Analyses

CAS Number

Analyte Name

7439-92-1

LEAD

Result

2.7

Remark_

Codes

<u>Units</u>

ug/L

AN02885

Field/Station ID: 1301HABYA20501C

Matrix: Aqueous(chlor.)

Date Received: 6/29/2011

Sample Description:

Single Component Analyses

7439-92-1

leport Date: 7/21/2011 3:21PM

CAS Number Analyte Name

LEAD

Remark Codes 1.0U

Units

ug/L

cfer to Page 1 for an explanation of Remark Codes

Page 3 of 7

Date Received: 6/29/2011

Project Number: 11060071

*Sorted By Sample ID

AN02887

Field/Station ID: 1501RMINCOMM01F

Matrix: Aqueous(chlor.)

Sample Description:

Single Component Analyses

CAS Number Analyte Name

7439-92-1

LEAD

Result 2.0

Remark Codes

Units

ug/L

AN02889

Field/Station ID: 1701MOINNURS01F

Matrix: Aqueous(chlor.)

Sample Description:

Date Received: 6/29/2011

Single Component Analyses

CAS Number

Analyte Name

7439-92-1

LEAD

Remark_

Codes

Units

ug/L

AN02891

Field/Station ID: 1901CRIN100101F

Matrix: Aqueous(chlor.)

Sample Description:

Date Received: 6/29/2011

Single Component Analyses

CAS Number Analyte Name

7439-92-1

LEAD

Result

Result

Result

4.2

Remark_

Codes

Remark Codes

1.0U

1.0U

Units ug/L

Units

ug/L

AN02893

Field/Station ID: 2101CRIN100301F

Matrix: Aqueous(chlor.)

Sample Description:

Date Received: 6/29/2011

Single Component Analyses

CAS Number Analyte Name

LEAD

Refer to Page 1 for an explanation of Remark Codes

Report Date: 7/21/2011 3:21PM

7439-92-1

Page 4 of 7

Project Number: 11060071

*Sorted By Sample ID

AN02895

Field/Station ID: 2301CRIN100501F

Matrix: Aqueous(chlor.)

Sample Description:

Date Received: 6/29/2011

Single Component Analyses

CAS Number 7439-92-1

Analyte Name

LEAD

Remark_

Result 2.5

Codes

<u>Units</u> ug/L

AN02897

Field/Station ID: 2501CRIN100701F

Matrix: Aqueous(chlor.)

Sample Description:

Date Received: 6/29/2011

Single Component Analyses

CAS Number 7439-92-1

Analyte Name

LEAD

Result

Remark Codes

<u>Units</u>

1.0U ug/L

AN02899

Field/Station ID: 2701CRIN100901F

Matrix: Aqueous(chlor.)

Sample Description:

Date Received: 6/29/2011

Single Component Analyses

CAS Number

Analyte Name

7439-92-1

LEAD

Result

Result

Remark Codes 1.0U

Units ug/L

<u>Units</u>

AN02901

Field/Station ID: 2901CRIN101101F

Matrix: Aqueous(chlor.)

Sample Description:

Date Received: 6/29/2011

Single Component Analyses

CAS Number

Analyte Name

7439-92-1

LEAD

1.0 ug/L

Remark_

Codes

efer to Page 1 for an explanation of Remark Codes eport Date: 7/21/2011 3:21PM

Page 5 of 7

Project Number: 11060071

*Sorted By Sample ID

AN02903

Field/Station ID: 3101CRIN101501F

Matrix: Aqueous(chlor.)

Sample Description:

Single Component Analyses

CAS Number 7439-92-1

LEAD

Analyte Name

Date Received: 6/29/2011

Remark_

Result

Result

1.0

1.4

Codes

Units ug/L

AN02905

Field/Station ID: 3301CRIN101701F

Matrix: Aqueous(chlor.)

Sample Description:

Date Received: 6/29/2011

Single Component Analyses

CAS Number

Analyte Name

7439-92-1

LEAD

Remark

Codes

<u>Units</u> ug/L

AN02907

Field/Station ID: 3502HABY204401C

Matrix: Aqueous(chlor.)

Sample Description:

Date Received: 6/29/2011

Single Component Analyses

CAS Number

Analyte Name

7439-92-1

LEAD

Remark_ Result

Codes

1.0U

ug/L

Units

AN02909

Field/Station ID: 3702HABY203901C

Matrix: Aqueous(chlor.)

Sample Description:

Date Received: 6/29/2011

Single Component Analyses

Analyte Name

LEAD

Result

Remark_ <u>Codes</u>

<u>Units</u>

CAS Number 7439-92-1

1.0U

ug/L

Refer to Page 1 for an explanation of Remark Codes

Report Date: 7/21/2011 3:21PM

Survey Name: ACSD- MLK SCHOOL

Project Number: 11060071

*Sorted By Sample ID

AN02911

Field/Station ID: 3902HABYELEV01C

Matrix: Aqueous(chlor.)

Date Received: 6/29/2011

Sample Description:

Single Component Analyses

CAS Number Analyte Name

7439-92-1

LEAD

Result 12

Remark Codes

Units ug/L

AN02913

Field/Station ID: 4102HABY202401C

Matrix: Aqueous(chlor.)

Sample Description:

Single Component Analyses

CAS Number

Analyte Name

7439-92-1

LEAD

Date Received: 6/29/2011

Remark_ Result

Codes

1.0U

<u>Units</u> ug/L

AN02915

Field/Station ID: 4302HABY201501C

Matrix: Aqueous(chlor.)

Sample Description:

Date Received: 6/29/2011

Single Component Analyses

CAS Number

Analyte Name

7439-92-1

LEAD

Result

Remark_

Codes

1.0U

Units ug/L

efer to Page 1 for an explanation of Remark Codes

eport Date: 7/21/2011 3:21PM

Date: 7/25/11

Page 7 of 7

Case Narrative:

<u>Atlantic City School District (10 Schools)</u>
#11060067, #11060068, 11060069, #11060070, #11060071, #11060072, #11060073, #11060074, #11060075, #11060076

The National Environmental Laboratory Accreditation Conference (NELAC) is a voluntary environmental laboratory accreditation association of State and Federal agencies. NELAC established and promoted a national accreditation program that provides a uniform set of standards for the generation of environmental data that are of known and defensible quality. The EPA Region 2 Laboratory is NELAC accredited. The Laboratory tests that are accredited have met all the requirements established under the NELAC Standards.

Comment(s):

As detailed in the QA project Plan, the Laboratory will analyze the first draw sample and, if that sample is 15 ug/L or above, the second draw sample will be analyzed. The Action Level for the program is 20 ug/L but a margin of analytical error was incorporated by using the 15 ug/L level.

Project# 11060070, Laboratory Samples AN02864 and AN02865: The first draw sample (AN02864) was 20 ug/L; the second draw sample (AN02865) was 48 ug/L – well above the result of the first draw sample. This is unusual. Both samples were re-analyzed to ensure an error was not made in the analysis step. The second round analysis confirmed the results of the first round.

Project# 11060074, Laboratory Samples AN02998 and AN02999: The first draw sample (AN02998) was 27 ug/L; the second draw sample (AN02999) was 31 ug/L – slightly above the result of the first draw sample. This is unusual. Both samples were re-analyzed to ensure an error was not made in the analysis step. The second round analysis confirmed the results of the first round.

Reporting Limit(s):

The Laboratory was able to achieve the appropriate limits for each analyte requested. The Reporting Limit using EPA Method 200.8 for Lead was $1.0~\rm ug/L$

Method(s):

Lead Analysis, EPA Method 200.8 (SOP DW-8; ICP/MS Method)

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MONITORING & ASSESSMENT BRANCH

Approval:

n. / he Date: 7/25/11

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U.S. Environmental Protection Agency Region 2 Laboratory 2890 Woodbridge Avenue Edison, NJ 08837

Data Report: ACSD- CHELSEA HEIGHTS SCHOOL

Project Number: 11060072

Program: C215

Project Leader: ERWIN SMIESZEK

Remark Codes	Explanation
U	THE ANALYTE WAS NOT DETECTED AT OR ABOVE THE REPORTING LIMIT.
J	THE IDENTIFICATION OF THE ANALYTE IS ACCEPTABLE; THE REPORTED VALUE IS AN ESTIMATE.
IJ	THE ANALYTE WAS NOT DETECTED AT OR ABOVE THE REPORTING LIMIT. THE REPORTING LIMIT IS AN ESTIMATE.
Ν	THERE IS PRESUMPTIVE EVIDENCE THAT THE ANALYTE IS PRESENT; THE ANALYTE IS REPORTED AS A TENTATIVE IDENTIFICATION.
NJ	THERE IS PRESUMPTIVE EVIDENCE THAT THE ANALYTE IS PRESENT; THE ANALYTE IS REPORTED AS A TENTATIVE IDENTIFICATION. THE REPORTED VALUE IS AN ESTIMATE.
R	THE PRESENCE OR ABSENCE OF THE ANALYTE CANNOT BE DETERMINED FROM THE DATA DUE. TO SEVERE QUALITY CONTROL PROBLEMS, THE DATA ARE REJECTED AND CONSIDERED UNUSABLE.
K	THE IDENTIFICATION OF THE ANALYTE IS ACCEPTABLE; THE REPORTED VALUE MAY BE BIASED HIGH. THE ACTUAL VALUE IS EXPECTED TO BE LESS THAN THE REPORTED VALUE.
L	THE IDENTIFICATION OF THE ANALYTE IS ACCEPTABLE; THE REPORTED VALUE MAY BE BIASED LOW. THE ACTUAL VALUE IS EXPECTED TO BE GREATER THAN THE REPORTED VALUE.
NV	NOT VALIDATED
INC	RESULT NOT ENTERED

teport Date: 7/21/2011 3:02PM Page 1 of 6

Project Number: 11060072

*Sorted By Sample ID

AN02917

Field/Station ID: 00-CAS-FR BLANK

Matrix: Aqueous(chlor.)

Date Received: 6/29/2011

Sample Description:

Single Component Analyses

CAS Number

Analyte Name

7439-92-1

LEAD

Result

Remark Codes

1.0U

Units ug/L

AN02918

Field/Station ID: 0101MOINNURS31F

Matrix: Aqueous(chlor.)

Sample Description:

Date Received: 6/29/2011

Single Component Analyses

CAS Number

Analyte Name

7439-92-1

LEAD

Remark

Codes Result

1.4

Units ug/L

AN02920

Field/Station ID: 0301TCINR12131F

Matrix: Aqueous(chlor.)

Sample Description:

Date Received: 6/29/2011

Single Component Analyses

CAS Number

Analyte Name

7439-92-1

LEAD

Result

Remark

Codes

1.0U

Units ug/L

AN02922

Field/Station ID: 0501CRINR11431A

Matrix: Aqueous(chlor.)

Sample Description:

Date Received: 6/29/2011

Single Component Analyses

CAS Number Analyte Name

7439-92-1

Remark_ Result

Codes 1.0U

Units ug/L

LEAD

Refer to Page 1 for an explanation of Remark Codes

Report Date: 7/21/2011 3:02PM

Page 2 of 6

Project Number: 11060072

*Sorted By Sample ID

AN02924

Field/Station ID: 0701CRINR11831A

Matrix: Aqueous(chlor.)

Sample Description:

Date Received: 6/29/2011

Single Component Analyses

CAS Number Analyte Name

7439-92-1

LEAD

Result

Remark_ Codes 1.0U

Units ug/L

AN02926

Field/Station ID: 0901CRINR11731A

Matrix: Aqueous(chlor.)

Sample Description:

Date Received: 6/29/2011

Single Component Analyses

CAS Number Analyte Name

7439-92-1

LEAD

Result

Remark Codes 1.0U

Units ug/L

AN02928

Field/Station ID: 1101CRINR11631A

Matrix: Aqueous(chlor.)

Sample Description:

Date Received: 6/29/2011

Single Component Analyses

CAS Number

Analyte Name

7439-92-1

LEAD

Result

Remark_ Codes

1.0U

Units ug/L

AN02930

Field/Station ID: 1301CRINR11531A

Matrix: Aqueous(chlor.)

Sample Description:

Date Received: 6/29/2011

Single Component Analyses

CAS Number Analyte Name 7439-92-1

LEAD

Result

Remark_ Codes 1.0U

<u>Units</u> ug/L

Refer to Page 1 for an explanation of Remark Codes

Report Date: 7/21/2011 3:02PM

Page 3 of 6

Project Number: 11060072

*Sorted By Sample ID

Units

ug/L

AN02932

Field/Station ID: 1501HABYRM0801C

Matrix: Aqueous(chlor.)

Sample Description:

Single Component Analyses

CAS Number

Analyte Name

7439-92-1

LEAD

Date Received: 6/29/2011

Codes Result

1.0U

Remark

AN02934

Field/Station ID: 1701CRINRM0601B

Matrix: Aqueous(chlor.)

Sample Description:

Single Component Analyses

CAS Number

Analyte Name

7439-92-1

Date Received: 6/29/2011

LEAD

Result

Remark Codes 1.0U

Units

ug/L

AN02936

Field/Station ID: 1901HABYGRBR01C

Matrix: Aqueous(chlor.)

Sample Description:

Date Received: 6/29/2011

Single Component Analyses

CAS Number Analyte Name

7439-92-1

LEAD

Result

Result

Remark

1.0U

Remark

Codes

1.0U

Codes

Units ug/L

Units

ug/L

AN02938

Field/Station ID: 2101CRINRM1201C

Matrix: Aqueous(chlor.)

Sample Description:

Date Received: 6/29/2011

Single Component Analyses

CAS Number 7439-92-1

Analyte Name

LEAD

Refer to Page 1 for an explanation of Remark Codes

Report Date: 7/21/2011 3:02PM

Page 4 of 6

Project Number: 11060072

*Sorted By Sample ID

AN02940

Field/Station ID: 2301KIINKIT111F

Matrix: Aqueous(chlor.)

Sample Description:

Date Received: 6/29/2011

Single Component Analyses

CAS Number

Analyte Name

7439-92-1

LEAD

Result 62

Remark_

Codes

<u>Units</u> ug/L

AN02941

Field/Station ID: 2401KIINKIT112F

Matrix: Aqueous(chlor.)

Sample Description:

Single Component Analyses

CAS Number 7439-92-1

Analyte Name

LEAD

Date Received: 6/29/2011

Date Received: 6/29/2011

Result

2.3

Remark_ Codes

Units ug/L

AN02942

Field/Station ID: 2501CRINRM1311F

Matrix: Aqueous(chlor.)

Sample Description:

Single Component Analyses

CAS Number

Analyte Name

7439-92-1

LEAD

Result 25

Remark Codes

Units

ug/L

AN02943

Field/Station ID: 2601CRINRM1312F

Matrix: Aqueous(chlor.)

Sample Description:

Date Received: 6/29/2011

Single Component Analyses

CAS Number

Analyte Name

7439-92-1

LEAD

Remark_ Codes Result

14

<u>Units</u>

ug/L

Refer to Page 1 for an explanation of Remark Codes

Report Date: 7/21/2011 3:02PM

Project Number: 11060072

*Sorted By Sample ID

AN02944

Field/Station ID: 2701HABYBOYS11C

Matrix: Aqueous(chlor.)

Sample Description:

Date Received: 6/29/2011

Single Component Analyses

CAS Number 7439-92-1

Analyte Name

LEAD

Remark_ Result

Codes 1.0U

Units ug/L

AN02946

Field/Station ID: 2901HABYR11111B

Matrix: Aqueous(chlor.)

Sample Description:

Date Received: 6/29/2011

Single Component Analyses

CAS Number Analyte Name 7439-92-1

LEAD

Result

Remark Codes 1.0U

Units

ug/L

Date: 7/25/11

Refer to Page 1 for an explanation of Remark Codes

Report Date: 7/21/2011 3:02PM

Page 6 of 6

Case Narrative:

Atlantic City School District (10 Schools) #11060067, #11060068, 11060069, #11060070, #11060071, #11060072, #11060073, #11060074, #11060075, #11060076

The National Environmental Laboratory Accreditation Conference (NELAC) is a voluntary environmental laboratory accreditation association of State and Federal agencies. NELAC established and promoted a national accreditation program that provides a uniform set of standards for the generation of environmental data that are of known and defensible quality. The EPA Region 2 Laboratory is NELAC accredited. The Laboratory tests that are accredited have met all the requirements established under the NELAC Standards.

Comment(s):

As detailed in the QA project Plan, the Laboratory will analyze the first draw sample and, if that sample is 15 ug/L or above, the second draw sample will be analyzed. The Action Level for the program is 20 ug/L but a margin of analytical error was incorporated by using the 15 ug/L level.

Project# 11060070, Laboratory Samples AN02864 and AN02865: The first draw sample (AN02864) was 20 ug/L; the second draw sample (AN02865) was 48 ug/L - well above the result of the first draw sample. This is unusual. Both samples were re-analyzed to ensure an error was not made in the analysis step. The second round analysis confirmed the results of the first round.

Project# 11060074, Laboratory Samples AN02998 and AN02999: The first draw sample (AN02998) was 27 ug/L; the second draw sample (AN02999) was 31 ug/L - slightly above the result of the first draw sample. This is unusual. Both samples were re-analyzed to ensure an error was not made in the analysis step. The second round analysis confirmed the results of the first round.

Reporting Limit(s):

The Laboratory was able to achieve the appropriate limits for each analyte requested. The Reporting Limit using EPA Method 200.8 for Lead was 1.0 ug/L

Method(s):

Lead Analysis, EPA Method 200.8 (SOP DW-8; ICP/MS Method)

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U.S. Environmental Protection Agency Region 2 Laboratory 2890 Woodbridge Avenue Edison, NJ 08837

Data Report: ACSD- NEW YORK AVE SCHOOL

Project Number: 11060073

Program: C215

Project Leader: ERWIN SMIESZEK

Remark Codes	Explanation
f1	THE ANALYTE WAS NOT DETECTED AT OR ABOVE THE REPORTING LIMIT.
J	THE IDENTIFICATION OF THE ANALYTE IS ACCEPTABLE; THE REPORTED VALUE IS AN ESTIMATE.
UJ	THE ANALYTE WAS NOT DETECTED AT OR ABOVE THE REPORTING LIMIT. THE REPORTING LIMIT IS AN ESTIMATE.
N	THERE IS PRESUMPTIVE EVIDENCE THAT THE ANALYTE IS PRESENT; THE ANALYTE IS REPORTED AS A TENTATIVE IDENTIFICATION.
NJ	THERE IS PRESUMPTIVE EVIDENCE THAT THE ANALYTE IS PRESENT; THE ANALYTE IS REPORTED AS A TENTATIVE IDENTIFICATION. THE REPORTED VALUE IS AN ESTIMATE.
R	THE PRESENCE OR ABSENCE OF THE ANALYTE CANNOT BE DETERMINED FROM THE DATA DUE TO SEVERE QUALITY CONTROL PROBLEMS. THE DATA ARE REJECTED AND CONSIDERED UNUSABLE.
К	THE IDENTIFICATION OF THE ANALYTE IS ACCEPTABLE. THE REPORTED VALUE MAY BE BIASED HIGH. THE ACTUAL VALUE IS EXPECTED TO BE LESS THAN THE REPORTED VALUE.
L	THE IDENTIFICATION OF THE ANALYTE IS ACCEPTABLE; THE REPORTED VALUE MAY BE BIASED LOW. THE ACTUAL VALUE IS EXPECTED TO BE GREATER THAN THE REPORTED VALUE.
NV	NOT VALIDATED
INC	RESULT NOT ENTERED

Report Date: 7/21/2011 3:48PM

Project Number: 11060073

*Sorted By Sample ID

AN02948

Field/Station ID: 00-NYS-FR BLANK

Matrix: Aqueous(chlor.)

Sample Description:

Date Received: 6/29/2011

Single Component Analyses

CAS Number Analyte Name 7439-92-1

LEAD

Result

Result

1.7

Result

Remark_ Codes

1.0U

Units ug/L

AN02949

Field/Station ID: 0101KIINKIT101F

Matrix: Aqueous(chlor.)

Sample Description:

Date Received: 6/29/2011

Single Component Analyses

CAS Number 7439-92-1

Analyte Name

LEAD

Remark_

<u>Codes</u>

Units ug/L

Units

ug/L

AN02951

Field/Station ID: 0301KIINKIT201F

Matrix: Aqueous(chlor.)

Sample Description:

Date Received: 6/29/2011

Single Component Analyses

CAS Number

Analyte Name

7439-92-1

LEAD

Remark_

Codes 1.0U

AN02953

Field/Station ID: 0501KIINKIT301F

Matrix: Aqueous(chlor.)

Sample Description:

Date Received: 6/29/2011

Single Component Analyses

CAS Number 7439-92-1

Analyte Name

LEAD

Result 3.1

Remark_

Codes

<u>Units</u> ug/L

Refer to Page 1 for an explanation of Remark Codes

Page 2 of 7 Report Date: 7/21/2011 3:48PM

Project Number: 11060073

*Sorted By Sample ID

Remark_

Remark

AN02955

Field/Station ID: 0701CRINR11501A

Date Received: 6/29/2011

Matrix: Aqueous(chlor.)

Sample Description:

Single Component Analyses

Remark Codes Result

Units Analyte Name CAS Number ug/L 2.4 7439-92-1 LEAD

AN02957

Field/Station ID: 0901CRINR11401A

Date Received: 6/29/2011

Matrix: Aqueous(chlor.)

Sample Description:

Single Component Analyses $Remark_$

Codes Units Result CAS Number Analyte Name

2.2 ug/L LEAD 7439-92-1

AN02959

Field/Station ID: 1101CRINR11301A

Date Received: 6/29/2011

Matrix: Aqueous(chlor.)

Sample Description:

Single Component Analyses

Codes Result **Units** Analyte Name CAS Number

1.8 ug/L 7439-92-1 LEAD

AN02961

Date Received: 6/29/2011 Field/Station ID: 1301CRINR11201A

Matrix: Aqueous(chlor.)

Sample Description:

Single Component Analyses

Codes **Units** Result CAS Number Analyte Name 1.5 ug/L 7439-92-1 LEAD

Refer to Page 1 for an explanation of Remark Codes

Page 3 of 7 Report Date: 7/21/2011 3:48PM

Project Number: 11060073

*Sorted By Sample ID

AN02963

Field/Station ID: 1501CRINR11101A

Matrix: Aqueous(chlor.)

Date Received: 6/29/2011

Sample Description:

Single Component Analyses

CAS Number

Analyte Name

Result

Remark Codes

Units

7439-92-1

LEAD

1.0

ug/L

AN02965

Field/Station ID: 1701CRINR11001A

Matrix: Aqueous(chlor.)

Date Received: 6/29/2011

Sample Description:

Single Component Analyses

CAS Number

Analyte Name

7439-92-1

LEAD

Result

1.7

Codes

Remark

<u>Units</u>

ug/L

AN02967

Field/Station ID: 1901CRINR10901A

Matrix: Aqueous(chlor.)

Sample Description:

Date Received: 6/29/2011

Single Component Analyses

CAS Number

Analyte Name

7439-92-1

LEAD

Result

1.3

Result

Remark Codes

Remark

Codes

1.0U

Units ug/L

Units

ug/L

AN02969

Field/Station ID: 2101CRINR10801A

Matrix: Aqueous(chlor.)

Sample Description:

Date Received: 6/29/2011

Single Component Analyses

CAS Number

Analyte Name

7439-92-1

LEAD

Refer to Page 1 for an explanation of Remark Codes

Report Date: 7/21/2011 3:48PM

Project Number: 11060073

*Sorted By Sample ID

AN02971

Field/Station ID: 2301HABYGIRL01C

Date Received: 6/29/2011

Matrix: Aqueous(chlor.)

Sample Description:

Single Component Analyses

CAS Number Analyte Name

Remark_ Codes Result

Units

7439-92-1

LEAD

1.0U

ug/L

AN02973

Field/Station ID: 2501HABYBOYS01B

Date Received: 6/29/2011

Matrix: Aqueous(chlor.)

Sample Description:

Single Component Analyses

Remark_ Codes

Units

CAS Number 7439-92-1

Analyte Name LEAD

Result

1.0U ug/L

AN02975

Field/Station ID: 2701MOINR12001F

Date Received: 6/29/2011

Matrix: Aqueous(chlor.)

Sample Description:

Single Component Analyses

Remark

CAS Number 7439-92-1

Analyte Name **LEAD**

Result 2.0

Codes

Units ug/L

AN02977

Field/Station ID: 2901CRINR10701A

Date Received: 6/29/2011

Matrix: Aqueous(chlor.)

Sample Description:

Single Component Analyses

Remark_

Codes

CAS Number

Analyte Name

Result 1.2

7439-92-1

LEAD

Units ug/L

Refer to Page 1 for an explanation of Remark Codes

Report Date: 7/21/2011 3:48PM

Page 5 of 7

Project Number: 11060073

*Sorted By Sample ID

AN02979

Field/Station ID: 3101CRINR10601A

Matrix: Aqueous(chlor.)

Date Received: 6/29/2011

Sample Description:

Single Component Analyses

CAS Number

Analyte Name

7439-92-1

LEAD

Result 2.5

Remark Codes

Units ug/L

AN02981

Field/Station ID: 3301CRINR10301A

Matrix: Aqueous(chlor.)

Sample Description:

Date Received: 6/29/2011

Single Component Analyses

CAS Number

Analyte Name

7439-92-1

LEAD

Result 1.3

Remark_ Codes

Units ug/L

AN02983

Field/Station ID: 3501CRINR10201A

Matrix: Aqueous(chlor.)

Sample Description:

Date Received: 6/29/2011

Single Component Analyses

CAS Number Analyte Name

7439-92-1

LEAD

Result 1.9

Result

1.6

Remark

Codes

Units ug/L

AN02985

Field/Station ID: 3701CRINR10101A

Matrix: Aqueous(chlor.)

Date Received: 6/29/2011

Sample Description:

Single Component Analyses

CAS Number Analyte Name 7439-92-1 **LEAD**

Remark_

<u>Codes</u>

Units ug/L

Refer to Page 1 for an explanation of Remark Codes

Report Date: 7/21/2011 3:48PM

Page 6 of 7

Project Number: 11060073

*Sorted By Sample ID

Units

AN02987

Field/Station ID: 3902HABYGIRL01B

Date Received: 6/29/2011

Matrix: Aqueous(chlor.)

Sample Description:

Single Component Analyses

Remark_ Codes Result Analyte Name CAS Number

1.0U ug/L 7439-92-1 LEAD

AN02989

Date Received: 6/29/2011 Field/Station ID: 4102RMINR21301F

Matrix: Aqueous(chlor.)

Sample Description:

Single Component Analyses Remark

Codes **Units** Result CAS Number Analyte Name ug/L 7.7

LEAD 7439-92-1

Date Received: 6/29/2011 Field/Station ID: 4303HABYBOYS01B AN02991

Matrix: Aqueous(chlor.) Sample Description:

Single Component Analyses

Remark Codes Result <u>Units</u> Analyte Name CAS Number

1.0U ug/L **LEAD** 7439-92-1

Date: 7/25/11 Project Approval:

Refer to Page 1 for an explanation of Remark Codes Report Date: 7/21/2011 3:48PM

Page 7 of 7

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	6.4
	* .

Case Narrative:

Atlantic City School District (10 Schools) #11060067, #11060068, 11060069, #11060070, #11060071, #11060072, #11060073, #11060074, #11060075, #11060076

The National Environmental Laboratory Accreditation Conference (NELAC) is a voluntary environmental laboratory accreditation association of State and Federal agencies. NELAC established and promoted a national accreditation program that provides a uniform set of standards for the generation of environmental data that are of known and defensible quality. The EPA Region 2 Laboratory is NELAC accredited. The Laboratory tests that are accredited have met all the requirements established under the NELAC Standards.

Comment(s):

As detailed in the QA project Plan, the Laboratory will analyze the first draw sample and, if that sample is 15 ug/L or above, the second draw sample will be analyzed. The Action Level for the program is 20 ug/L but a margin of analytical error was incorporated by using the 15 ug/L level.

Project# 11060070, Laboratory Samples AN02864 and AN02865: The first draw sample (AN02864) was 20 ug/L; the second draw sample (AN02865) was 48 ug/L - well above the result of the first draw sample. This is unusual. Both samples were re-analyzed to ensure an error was not made in the analysis step. The second round analysis confirmed the results of the first round.

Project# 11060074, Laboratory Samples AN02998 and AN02999: The first draw sample (AN02998) was 27 ug/L; the second draw sample (AN02999) was 31 ug/L - slightly above the result of the first draw sample. This is unusual. Both samples were re-analyzed to ensure an error was not made in the analysis step. The second round analysis confirmed the results of the first round.

Reporting Limit(s):

The Laboratory was able to achieve the appropriate limits for each analyte requested. The Reporting Limit using EPA Method 200.8 for Lead was 1.0 ug/L

Method(s):

Lead Analysis, EPA Method 200.8 (SOP DW-8; ICP/MS Method)

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U.S. Environmental Protection Agency Region 2 Laboratory 2890 Woodbridge Avenue Edison, NJ 08837

Data Report: ACSD- BRIGHTON SCHOOL

Project Number: 11060074

Program: C215

Project Leader: ERWIN SMIESZEK

Remark Codes	Explanation
U	THE ANALYTE WAS NOT DETECTED AT OR ABOVE THE REPORTING LIMIT.
J	THE IDENTIFICATION OF THE ANALYTE IS ACCEPTABLE; THE REPORTED VALUE IS AN ESTIMATE.
UJ	THE ANALYTE WAS NOT DETECTED AT OR ABOVE THE REPORTING LIMIT IS AN ESTIMATE.
N	THERE IS PRESUMPTIVE EVIDENCE THAT THE ANALYTE IS PRESENT; THE ANALYTE IS REPORTED AS A TENTATIVE IDENTIFICATION.
NJ	THERE IS PRESUMPTIVE EVIDENCE THAT THE ANALYTE IS PRESENT; THE ANALYTE IS REPORTED AS A TENTATIVE IDENTIFICATION. THE REPORTED VALUE IS AN ESTIMATE.
R	THE PRESENCE OR ABSENCE OF THE ANALYTE CANNOT BE DETERMINED FROM THE DATA DUE TO SEVERE QUALITY CONTROL PROBLEMS. THE DATA ARE REJECTED AND CONSIDERED UNUSABLE.
К	THE IDENTIFICATION OF THE ANALYTE IS ACCEPTABLE; THE REPORTED VALUE MAY BE BIASED HIGH. THE ACTUAL VALUE IS EXPECTED TO BE LESS THAN THE REPORTED VALUE.
1.	THE IDENTIFICATION OF THE ANALYTE IS ACCEPTABLE; THE REPORTED VALUE MAY BE BIASED LOW. THE ACTUAL VALUE IS EXPECTED TO BE GREATER THAN THE REPORTED VALUE.
NV	NOT VALIDATED
INC	RESULT NOT ENTERED

teport Date: 7/21/2011 1:03PM Page 1 of 5

Survey Name: ACSD- BRIGHTON SCHOOL

Project Number: 11060074

*Sorted By Sample ID

AN02993

Field/Station ID: 00-BRS-FR BLANK

Matrix: Aqueous(chlor.)

Sample Description:

Date Received: 6/29/2011

Single Component Analyses

CAS Number Analyte Name

7439-92-1 **LEAD**

Result

Remark_ Codes 1.0U

<u>Units</u> ug/L

AN02994

Field/Station ID: 0101HABYCUST11B

Matrix: Aqueous(chlor.)

Sample Description:

Date Received: 6/29/2011

Single Component Analyses

CAS Number Analyte Name

7439-92-1 **LEAD**

Remark_ Codes Result

1.0U

Units ug/L

AN02996

Field/Station ID: 0301SSINCUST11F

Sample Description:

Matrix: Aqueous(chlor.)

Single Component Analyses

CAS Number

7439-92-1

Date Received: 6/29/2011

Analyte Name

LEAD

Remark_ Codes Result

Units ug/L

AN02998

Field/Station ID: 0501HABYRM0101B

Matrix: Aqueous(chlor.)

Sample Description:

Date Received: 6/29/2011

Single Component Analyses

CAS Number Analyte Name

7439-92-1

LEAD

Result

27

7.6

Remark Codes

Units ug/L

Refer to Page 1 for an explanation of Remark Codes

Report Date: 7/21/2011 1:03PM

Survey Name: ACSD- BRIGHTON SCHOOL

Project Number: 11060074

*Sorted By Sample ID

AN02999

Field/Station ID: 0601HABYRM0102B

Matrix: Aqueous(chlor.)

Sample Description:

Single Component Analyses

<u>CAS Number</u> 7439-92-1

Analyte Name

LEAD

Date Received: 6/29/2011

Result

31

Remark_ Codes

Units ug/L

AN03000

Field/Station ID: 0701CRINRM0101F

Matrix: Aqueous(chlor.)

Sample Description:

Single Component Analyses

CAS Number

Analyte Name

7439-92-1

LEAD

Date Received: 6/29/2011

Result 4.9 Remark_ <u>Codes</u>

Units ug/L

AN03002

Field/Station ID: 0902HABYAUD111B

Matrix: Aqueous(chlor.)

Sample Description:

Single Component Analyses

CAS Number

Analyte Name

7439-92-1

LEAD

Date Received: 6/29/2011

Result

Remark_ Codes

1.0U

Units ug/L

AN03004

Field/Station ID: 1102HABYRM1701B

Matrix: Aqueous(chlor.)

Sample Description:

Single Component Analyses

7439-92-1

Analyte Name
LEAD

Date Received: 6/29/2011

Result

Remark_ Codes 1.0U

Units ug/L

efer to Page 1 for an explanation of Remark Codes

eport Date: 7/21/2011 1:03PM Page 3 of 5

Survey Name: ACSD-BRIGHTON SCHOOL

Project Number: 11060074

*Sorted By Sample ID

Units

AN03006

Field/Station ID: 1303HABYRM2411B

Date Received: 6/29/2011

Matrix: Aqueous(chlor.)

Sample Description:

Single Component Analyses

Remark_ Codes Result

Analyte Name CAS Number 1.0U ug/L 7439-92-1 **LEAD**

Field/Station ID: 1503RMINRM2311F AN03008

Date Received: 6/29/2011 Matrix: Aqueous(chlor.)

Sample Description:

Single Component Analyses Remark_

Codes <u>Units</u> Result CAS Number Analyte Name ug/L 30 7439-92-1 LEAD

AN03009 Field/Station ID: 1603RMINRM2312F Date Received: 6/29/2011

Matrix: Aqueous(chlor.)

Sample Description:

Single Component Analyses Remark Codes Units. Result Analyte Name CAS Number

2.9 ug/L 7439-92-1 LEAD

Field/Station ID: 1703HABYRM2011A Date Received: 6/29/2011 AN03010

Matrix: Aqueous(chlor.) Sample Description:

Single Component Analyses Remark Codes

Units Result CAS Number Analyte Name ug/L 14 7439-92-1 **LEAD**

Survey Name: ACSD-BRIGHTON SCHOOL

Project Number: 11060074

*Sorted By Sample ID

AN03012

Field/Station ID: 1903MOINNURS11F

Date Received: 6/29/2011

Matrix: Aqueous(chlor.)

Sample Description:

Single Component Analyses

Remark_

Result

10

Codes

des <u>Units</u> ug/L

CAS Number 7439-92-1

LEAD

Analyte Name

ug

Project Approval:

Refer to Page 1 for an explanation of Remark Codes

Report Date: 7/21/2011 1:03PM

Page 5 of 5

Date: 7/25/11

Case Narrative:

Atlantic City School District (10 Schools) #11060067, #11060068, 11060069, #11060070, #11060071, #11060072, #11060073, #11060074, #11060075, #11060076

The National Environmental Laboratory Accreditation Conference (NELAC) is a voluntary environmental laboratory accreditation association of State and Federal agencies. NELAC established and promoted a national accreditation program that provides a uniform set of standards for the generation of environmental data that are of known and defensible quality. The EPA Region 2 Laboratory is NELAC accredited. The Laboratory tests that are accredited have met all the requirements established under the NELAC Standards.

Comment(s):

As detailed in the QA project Plan, the Laboratory will analyze the first draw sample and, if that sample is 15 ug/L or above, the second draw sample will be analyzed. The Action Level for the program is 20 ug/L but a margin of analytical error was incorporated by using the 15 ug/L level.

Project# 11060070, Laboratory Samples AN02864 and AN02865: The first draw sample (AN02864) was 20 ug/L; the second draw sample (AN02865) was 48 ug/L - well above the result of the first draw sample. This is unusual. Both samples were re-analyzed to ensure an error was not made in the analysis step. The second round analysis confirmed the results of the first round.

Project# 11060074, Laboratory Samples AN02998 and AN02999: The first draw sample (AN02998) was 27 ug/L; the second draw sample (AN02999) was 31 ug/L - slightly above the result of the first draw sample. This is unusual. Both samples were re-analyzed to ensure an error was not made in the analysis step. The second round analysis confirmed the results of the first round.

Reporting Limit(s):

The Laboratory was able to achieve the appropriate limits for each analyte requested. The Reporting Limit using EPA Method 200.8 for Lead was 1.0 ug/L

Method(s):

Lead Analysis, EPA Method 200.8 (SOP DW-8; ICP/MS Method)

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MONITORING & ASSESSMENT BRANCH

Approval: _______ Date: 7/25/11

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U.S. Environmental Protection Agency Region 2 Laboratory 2890 Woodbridge Avenue Edison, NJ 08837

Data Report: ACSD - TEXAS AVENUE SCHOOL

Project Number: 11060075

Program: C215

Project Leader: ERWIN SMIESZEK

Remark Codes	Explanation
U	THE ANALYTE WAS NOT DETECTED AT OR ABOVE THE REPORTING LIMIT.
J	THE IDENTIFICATION OF THE ANALYTE IS ACCEPTABLE; THE REPORTED VALUE IS AN ESTIMATE.
UJ	THE ANALYTE WAS NOT DETECTED AT OR ABOVE THE REPORTING LIMIT. THE REPORTING LIMIT IS AN ESTIMATE.
N	THERE IS PRESUMPTIVE EVIDENCE THAT THE ANALYTE IS PRESENT: THE ANALYTE IS REPORTED AS A TENTATIVE IDENTIFICATION.
NJ	THERE IS PRESUMPTIVE EVIDENCE THAT THE ANALYTE IS PRESENT; THE ANALYTE IS REPORTED AS A TENTATIVE IDENTIFICATION. THE REPORTED VALUE IS AN ESTIMATE.
R	THE PRESENCE OR ABSENCE OF THE ANALYTE CANNOT BE DETERMINED FROM THE DATA DUE TO SEVERE QUALITY CONTROL PROBLEMS. THE DATA ARE REJECTED AND CONSIDERED UNUSABLE.
К	THE IDENTIFICATION OF THE ANALYTE IS ACCEPTABLE; THE REPORTED VALUE MAY BE BIASED HIGH. THE ACTUAL VALUE IS EXPECTED TO BE LESS THAN THE REPORTED VALUE.
1.	THE IDENTIFICATION OF THE ANALYTE IS ACCEPTABLE; THE REPORTED VALUE MAY BE BIASED LOW. THE ACTUAL VALUE IS EXPECTED TO BE GREATER THAN THE REPORTED VALUE.
NV	NOT VALIDATED
INC	RESULT NOT ENTERED

teport Date: 7/21/2011 2:21PM

Project Number: 11060075

*Sorted By Sample ID

AN03014

Field/Station ID: 00-TAS-FR BLANK

Matrix: Aqueous(chlor.)

Sample Description:

Date Received: 6/30/2011

Single Component Analyses

CAS Number

Analyte Name

7439-92-1

LEAD

Remark

Result

Codes

1.0U

Units ug/L

AN03015

Field/Station ID: 0101M0INNURS01F

Matrix: Aqueous(chlor.)

Sample Description:

Date Received: 6/30/2011

Single Component Analyses

CAS Number 7439-92-1

LEAD

Analyte Name

Remark Result

Codes

Units

12 ug/L

AN03017

Field/Station ID: 0301KIINKIT101F

Matrix: Aqueous(chlor.)

Sample Description:

Analyte Name

Date Received: 6/30/2011

Single Component Analyses

CAS Number

7439-92-1

LEAD

Result

Result

3.9

Remark

Codes 1.0U

Units ug/L

Units

AN03019

Field/Station ID: 0501KIINKIT201F

Matrix: Aqueous(chlor.)

Sample Description:

Date Received: 6/30/2011

Single Component Analyses

CAS Number

7439-92-1

LEAD

Analyte Name

Remark_

Codes

ug/L

Refer to Page 1 for an explanation of Remark Codes

Report Date: 7/21/2011 2:21PM

Page 2 of 5

Project Number: 11060075

*Sorted By Sample ID

AN03021

Field/Station ID: 0701KIINKIT301F

Date Received: 6/30/2011

Matrix: Aqueous(chlor.)

Sample Description:

Single Component Analyses

CAS Number Analyte Name

7439-92-1

LEAD

Result 2.4

Remark Codes

Units ug/L

AN03023

Field/Station ID: 0901CFINCAFE01B

Matrix: Aqueous(chlor.)

Sample Description:

Date Received: 6/30/2011

Single Component Analyses

CAS Number Analyte Name

7439-92-1

LEAD

Result 1.4

Remark_ Codes

Units ug/L

AN03025

Field/Station ID: 1101HABYRM1101B

Matrix: Aqueous(chlor.)

Sample Description:

Date Received: 6/30/2011

Single Component Analyses

CAS Number Analyte Name

7439-92-1

LEAD

Result

Remark Codes

1.0U

Units ug/L

AN03027

Field/Station ID: 1301HABYGUID01B

Matrix: Aqueous(chlor.)

Sample Description:

Date Received: 6/30/2011

Single Component Analyses

Analyte Name CAS Number

7439-92-1 LEAD Result

Remark_ Codes 1.0U

Units ug/L

Refer to Page 1 for an explanation of Remark Codes

Report Date: 7/21/2011 2:21PM

Page 3 of 5

Project Number: 11060075

*Sorted By Sample ID

AN03029

Field/Station ID: 1501HABYGRBR01B

Matrix: Aqueous(chlor.)

Sample Description:

Single Component Analyses

CAS Number A

7439-92-1

Analyte Name

LEAD

Date Received: 6/30/2011

Remark

Result Codes
--- 1.0U

<u>Units</u> ug/L

AN03031

Field/Station ID: 1702HABYRM2501B

Matrix: Aqueous(chlor.)

Sample Description:

Single Component Analyses

CAS Number Analyte Name

7439-92-1

LEAD

Date Received: 6/30/2011

Remark_

Result Codes

<u>Units</u> ug/L

AN03033

Field/Station ID: 1902HABYRM2401B

Matrix: Aqueous(chlor.)

Sample Description:

Date Received: 6/30/2011

Single Component Analyses

CAS Number

Analyte Name

7439-92-1

LEAD

Result

Remark_ Codes

1.0U

1.0U

Units ug/L

AN03035

Field/Station ID: 2103HABYRM3401B

1

Date Received: 6/30/2011

Matrix: Aqueous(chlor.)
Sample Description:

Single Component Analyses

CAS Number Analyte Name

7439-92-1

LEAD

Result

Remark_ Codes 1.0U

<u>Units</u> ug/L

Refer to Page 1 for an explanation of Remark Codes

Report Date: 7/21/2011 2:21PM

Page 4 of 5

Project Number: 11060075

*Sorted By Sample ID

AN03037

Field/Station ID: 2303HABYRM3701B

Date Received: 6/30/2011

Matrix: Aqueous(chlor.)

Sample Description:

Single Component Analyses

CAS Number Analyte Name

7439-92-1

LEAD

Remark_

<u>Codes</u>

<u>Units</u>

Result

1.0U

ug/L

Project Approval:

Refer to Page 1 for an explanation of Remark Codes

Report Date: 7/21/2011 2:21PM

Page 5 of 5

Date: 7/25/11

Case Narrative:

Atlantic City School District (10 Schools) #11060067, #11060068, 11060069, #11060070, #11060071, #11060072, #11060073, #11060074, #11060075, #11060076

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Comment(s):

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Project# 11060070, Laboratory Samples AN02864 and AN02865: The first draw sample (AN02864) was 20 ug/L; the second draw sample (AN02865) was 48 ug/L - well above the result of the first draw sample. This is unusual. Both samples were re-analyzed to ensure an error was not made in the analysis step. The second round analysis confirmed the results of the first round.

Project# 11060074, Laboratory Samples AN02998 and AN02999: The first draw sample (AN02998) was 27 ug/L; the second draw sample (AN02999) was 31 ug/L - slightly above the result of the first draw sample. This is unusual. Both samples were re-analyzed to ensure an error was not made in the analysis step. The second round analysis confirmed the results of the first round.

Reporting Limit(s):

The Laboratory was able to achieve the appropriate limits for each analyte requested. The Reporting Limit using EPA Method 200.8 for Lead was 1.0 ug/L

Method(s):

Lead Analysis, EPA Method 200.8 (SOP DW-8; ICP/MS Method)

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Approval: Jn. Jhe Date: 7/25/11

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U.S. Environmental Protection Agency Region 2 Laboratory 2890 Woodbridge Avenue Edison, NJ 08837

Data Report: ACSD-SOVEREIGN AVE. SCHOOL

Project Number: 11060076

Program: C215

Project Leader: THUAN TRAN

Remark Codes	Explanation
U	THE ANALYTE WAS NOT DETECTED AT OR ABOVE THE REPORTING LIMIT.
J	THE IDENTIFICATION OF THE ANALYTE IS ACCEPTABLE, THE REPORTED VALUE IS AN ESTIMATE.
UJ	THE ANALYTE WAS NOT DETECTED AT OR ABOVE THE REPORTING LIMIT. THE REPORTING LIMIT IS AN ESTIMATE.
N	THERE IS PRESUMPTIVE EVIDENCE THAT THE ANALYTE IS PRESENT; THE ANALYTE IS REPORTED AS A TENTATIVE IDENTIFICATION.
NJ	THERE IS PRESUMPTIVE EVIDENCE THAT THE ANALYTE IS PRESENT; THE ANALYTE IS REPORTED AS A TENTATIVE IDENTIFICATION. THE REPORTED VALUE IS AN ESTIMATE.
R	THE PRESENCE OR ABSENCE OF THE ANALYTE CANNOT BE DETERMINED FROM THE DATA DUE TO SEVERE QUALITY CONTROL PROBLEMS. THE DATA ARE REJECTED AND CONSIDERED UNUSABLE.
K	THE IDENTIFICATION OF THE ANALYTE IS ACCEPTABLE; THE REPORTED VALUE MAY BE BIASED HIGH. THE ACTUAL VALUE IS EXPECTED TO BE LESS THAN THE REPORTED VALUE.
L	THE IDENTIFICATION OF THE ANALYTE IS ACCEPTABLE; THE REPORTED VALUE MAY BE BIASED LOW. THE ACTUAL VALUE IS EXPECTED TO BE GREATER THAN THE REPORTED VALUE.
NV	NOT VALIDATED
INC	RESULT NOT ENTERED

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Report Date: 7/21/2011 3:35PM

Project Number: 11060076

*Sorted By Sample ID

AN03039

Field/Station ID: 00-SAS-FR-BLANK

Matrix: Aqueous(chlor.)

Date Received: 6/30/2011

Sample Description:

Single Component Analyses

CAS Number Analyte Name

7439-92-1

LEAD

Result

Remark_

Codes 1.0U

Units ug/L

AN03040

Field/Station ID: 0101CRINR17201A

Matrix: Aqueous(chlor.)

Date Received: 6/30/2011

Sample Description:

Single Component Analyses

CAS Number 7439-92-1

Analyte Name

LEAD

Result

Remark_ Codes

Units ug/L

4.2

AN03042

Field/Station ID: 0301CRINR17501A

Matrix: Aqueous(chlor.)

Sample Description:

Date Received: 6/30/2011

Single Component Analyses

CAS Number

Analyte Name

7439-92-1

LEAD

Result 1.1

Remark_

Codes

Units ug/L

AN03044

Field/Station ID: 0501MOINNURS01F

Matrix: Aqueous(chlor.)

Sample Description:

Date Received: 6/30/2011

Single Component Analyses

CAS Number 7439-92-1

Analyte Name

LEAD

Result

Remark

Codes

1.0U

Units ug/L

Refer to Page 1 for an explanation of Remark Codes

Report Date: 7/21/2011 3:35PM

Project Number: 11060076

*Sorted By Sample ID

AN03046

Field/Station ID: 0701CRINR17701A

Matrix: Aqueous(chlor.)

Sample Description:

Single Component Analyses

CAS Number 7439-92-1

Analyte Name **LEAD**

Date Received: 6/30/2011

Remark

Result

Codes 1.0U

<u>Units</u> ug/L

AN03048

Field/Station ID: 0901CRINR17901A

Matrix: Aqueous(chlor.)

Sample Description:

Date Received: 6/30/2011

Single Component Analyses

CAS Number

Analyte Name

7439-92-1

LEAD

Result

Remark

Codes 1.0U

Units ug/L

AN03050

Field/Station ID: 1101CRINR18101A

Matrix: Aqueous(chlor.)

Sample Description:

Date Received: 6/30/2011

Single Component Analyses

CAS Number

Analyte Name

7439-92-1

LEAD

Result

Result

2.3

Remark_

1.0U

Codes

Units ug/L

AN03052

Field/Station ID: 1301CRINR11101A

Matrix: Aqueous(chlor.)

Sample Description:

Date Received: 6/30/2011

Single Component Analyses

CAS Number Analyte Name

LEAD 7439-92-1

Remark

Codes

<u>Units</u> ug/L

Refer to Page 1 for an explanation of Remark Codes

Report Date: 7/21/2011 3:35PM

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Project Number: 11060076

*Sorted By Sample ID

AN03054

Field/Station ID: 1501CRINR11301A

Matrix: Aqueous(chlor.)

Sample Description:

Date Received: 6/30/2011

Single Component Analyses

CAS Number 7439-92-1

Analyte Name

LEAD

Result

3.0

Codes

Remark

Units ug/L

AN03056

Field/Station ID: 1701CRINR11501A

Matrix: Aqueous(chlor.)

Sample Description:

Date Received: 6/30/2011

Single Component Analyses

CAS Number Analyte Name

7439-92-1 LEAD

Result

Remark

<u>Codes</u> 1.0U

Units ug/L

AN03058

Field/Station ID: 1901CRINR11701A

Matrix: Aqueous(chlor.)

Sample Description:

Date Received: 6/30/2011

Single Component Analyses

CAS Number

Analyte Name

7439-92-1

LEAD

Result 1.1

Remark

Codes

Units ug/L

AN03060

Field/Station ID: 2101HABYBOYS01B

Matrix: Aqueous(chlor.)

Sample Description:

Date Received: 6/30/2011

Single Component Analyses

CAS Number

Analyte Name

7439-92-1

LEAD

Result

Remark

Codes 1.0U

Units ug/L

Refer to Page 1 for an explanation of Remark Codes

Report Date: 7/21/2011 3:35PM

Project Number: 11060076

*Sorted By Sample ID

AN03062

Field/Station ID: 2301CRINR11901A

Matrix: Aqueous(chlor.)

Sample Description:

Date Received: 6/30/2011

Single Component Analyses

CAS Number

Analyte Name

7439-92-1

LEAD

Remark_

Result 1.4

Codes

Units ug/L

AN03064

Field/Station ID: 2501CRINR12101A

Matrix: Aqueous(chlor.)

Sample Description:

Date Received: 6/30/2011

Single Component Analyses

CAS Number 7439-92-1

Analyte Name

LEAD

Result

5.2

Remark_

Codes

Units ug/L

AN03066

Field/Station ID: 2701HABYGIRL01B

Matrix: Aqueous(chlor.)

Sample Description:

Date Received: 6/30/2011

Single Component Analyses

CAS Number

Analyte Name

7439-92-1

LEAD

Result

Remark

Codes 1.0U

Units ug/L

AN03068

Field/Station ID: 2901CRINR12301A

Matrix; Aqueous(chlor.)

Sample Description:

Date Received: 6/30/2011

Single Component Analyses

CAS Number Analyte Name 7439-92-1

LEAD

Remark_ Codes

Result 1.0

Units ug/L

efer to Page 1 for an explanation of Remark Codes

leport Date: 7/21/2011 3:35PM

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Project Number: 11060076

*Sorted By Sample ID

AN03070

Field/Station ID: 3101CRINR12501A

Matrix: Aqueous(chlor.)

Sample Description:

Date Received: 6/30/2011

Single Component Analyses

CAS Number Analyte Name

7439-92-1 **LEAD**

Result 3.4

Remark Codes

Units ug/L

AN03072

Field/Station ID: 3301CRINR12701A

Matrix: Aqueous(chlor.)

Sample Description:

Date Received: 6/30/2011

Single Component Analyses

CAS Number

Analyte Name

7439-92-1

LEAD

Result

Remark Codes

1.0U

Units ug/L

AN03074

Field/Station ID: 3501KIINKIT101F

Matrix: Aqueous(chlor.)

Sample Description:

Date Received: 6/30/2011

Single Component Analyses

CAS Number

Analyte Name

7439-92-1

LEAD

Result

2.2

Remark Codes

Units ug/L

AN03076

Field/Station ID: 3701KIINKIT201F

Matrix: Aqueous(chlor.)

Sample Description:

Date Received: 6/30/2011

Single Component Analyses

CAS Number

Analyte Name

7439-92-1

LEAD

Remark Result

1.5

Codes

Units ug/L

Refer to Page 1 for an explanation of Remark Codes Report Date: 7/21/2011 3:35PM

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Project Number: 11060076

*Sorted By Sample ID

AN03078

Field/Station ID: 3901KIINKIT301F

Matrix: Aqueous(chlor.)

Sample Description:

Date Received: 6/30/2011

Single Component Analyses

CAS Number Ana

7439-92-1

Analyte Name

LEAD

Remark_ esult <u>Codes</u>

Result 1.8 <u>Units</u>

ug/L

AN03080

Field/Station ID: 4102HABYBOYS01B

Matrix: Aqueous(chlor.)

Sample Description:

Date Received: 6/30/2011

Single Component Analyses

CAS Number

Analyte Name

7439-92-1

LEAD

Result

Remark_ Codes

Codes 1.0U

Units ug/L

AN03082

Field/Station ID: 4302HABYGIRL01B

Matrix: Aqueous(chlor.)

Sample Description:

Date Received: 6/30/2011

Single Component Analyses

CAS Number

Analyte Name

7439-92-1

LEAD

Result

Remark_

Codes

1.0U

Units ug/L

AN03084

Field/Station ID: 4503HABYBOYS01B

Matrix: Aqueous(chlor.)

Sample Description:

Date Received: 6/30/2011

Single Component Analyses

CAS Number

Analyte Name

7439-92-1

LEAD

Result

Remark_ Codes

1.0U

Units ug/L

efer to Page 1 for an explanation of Remark Codes eport Date: 7/21/2011 3:35PM

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Project Number: 11060076

*Sorted By Sample ID

AN03086

Field/Station ID: 4703HABYGIRL01B

Matrix: Aqueous(chlor.)

Date Received: 6/30/2011

Sample Description:

Single Component Analyses

Remark_

CAS Number Anal

Analyte Name

Result

Codes

Units ug/L

7439-92-1 LEAD

1.0U

Project Approval:

Refer to Page 1 for an explanation of Remark Codes

Report Date: 7/21/2011 3:35PM

Date: 7/25/11

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